BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer, Project Division, B.B.M.P., Bangalore - 92

SCHEDULE - B

Name of Work: Drilling of borewell and providing pump and motor in ward no 05

Name of the Firm				Approved Tender Rates of Sri.H.V.Nagaraj(M/s Kranthi Electrical)	
Sl. No.	Qty	Description	Unit	Rate in figures	Rate in words
1	14.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and as per the direction of Engineer-in-charge.	Job	2031.00	Rupees Two Thousand Thirty One Only
2	700.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and as per the direction of Engineer-in-charge. 0 to 50 m	Mtr	333.00	Rupees Three Hundred Thirty Three Only
3	700.00	50 to 100 m	Mtr	431.00	Rupees Four Hundred Thirty One Only
4	700.00	100 to 150 m	Mtr	480.00	Rupees Four Hundred Eighty Only
5	700.00	150 to 200 m	Mtr	507.00	Rupees Five Hundred Seven Only
6	700.00	200 to 250 m	Mtr	587.00	Rupees Five Hundred Eighty Seven Only
7	700.00	251 to 300 m	Mtr	629.00	Rupees Six Hundred Twenty Nine Only
8	150.00	300 to 325 m	Mtr	651.00	Rupees Six Hundred Fifty One Only

Contractor

Executive Engineer
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Sl. No.	Qty	Description	Unit	Rate in figures	Rate in words
9	**756.00**	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **and as per the direction of Engineer-in-charge.**	**Rmtr**	**1388.00**	Rupees One Thousand Three Hundred Eighty Eight Only
10	**168.00**	Providing 250mm dia PVC Pipe and as per the direction of Engineer-in-charge.	**Rmtr**	**1115.00**	Rupees One Thousand One Hundred Fifteen Only
11	**14.00**	Providing 175mm dia ms casing cap and as per the direction of Engineer-in-charge.	**No**	**107.00**	Rupees One Hundred Seven Only
12	**84.00**	Providing MS Casing pipe collars and as per the direction of Engineer-in-charge.	**No**	**161.00**	Rupees One Hundred Sixty One Only
13	**7.00**	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings and as per the direction of Engineer-in-charge. 15 HP 30 Stage	**NO**	**73988.00**	Rupees Seventy Three Thousand Nine Hundred Eighty Eight Only
14	**7.00**	**17.5 HP 30 Stage**	**No**	**77866.00**	Rupees Seventy Seven Thousand Eight Hundred Sixty Six Only
15	**4200.00**	Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class **50 mm dia** nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications and as per the direction of Engineer-in-charge.	**Mtr**	**566.00**	Rupees Five Hundred Sixty Six Only
16	**8680.00**	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm and **as per the direction of Engineer-in-charge.**	**Mtr**	**197.00**	Rupees One Hundred Ninety Seven Only
17	**700.00**	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length and as per the direction of Engineer-in-charge.	**NO**	**92.00**	Rupees Ninety Two Only

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Sl. No.	Qty	Description	Unit	Rate in figures	Rate in words
18	14.00	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on **fixing the same to the wall using tapered** inverted wooden plugs screws etc.,and as per the direction of Engineer-in-charge.	Each	316.00	Rupees Three Hundred Sixteen Only
19	490.00	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.and as per the direction of Engineer-in-charge.	Mtr	147.00	Rupees One Hundred Forty Seven Only
20	490.00	Labour charges for laying of 1.1 K.V class UG cable, and as per the direction of Engineer-in-charge.	Mtr	11.00	Rupees Eleven Only
21	420.00	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete and as per the direction of Engineer-in-charge.	Mtr	122.00	Rupees One Hundred Twenty Two Only
22	42.00	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class and as per the direction of Engineer-in-charge.	Mtr	361.00	Rupees Three Hundred Sixty One Only
23	14.00	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,and as per the direction of Engineer-in-charge.	NO	293.00	Rupees Two Hundred Ninety Three Only
24	14.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, and as per the direction of Engineer-in-charge.	No	2857.00	Rupees Two Thousand Eight Hundred Fifty Seven Only
25	42.00	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete....and as per the direction of Engineer-in-charge.	Each	377.00	Rupees Three Hundred Seventy Seven Only
26	84.00	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete...and .as per the direction of Engineer-in-charge.	Each	90.00	Rupees Ninety Only
27	14.00	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications and as per the direction of Engineer-in-charge.	Each	1621.00	Rupees One Thousand Six Hundred Twenty One Only

Contractor

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Sl. No.	Qty	Description	Unit	Rate in figures	Rate in words
28	527100.00	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 and **as per the direction of Engineer-in-charge.**	Sq.Cm	0.37	Rupees And Paise Thirty Seven Only
29	14.00	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 and as per the direction of Engineer-in-charge.	Nos	1661.00	Rupees One Thousand Six Hundred Sixty One Only
30	28.00	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. **and as per the direction of Engineer-in-charge.**	No	238.00	Rupees Two Hundred Thirty Eight Only
31	42.00	Gate value 50 mm nominal bore gun metal **50mm dia and as per the direction of Engineer-in-charge.**	No	1729.00	Rupees One Thousand Seven Hundred Twenty Nine Only
32	14.00	NIPPLE 50 mm nominal bore gun metal **50mm dia and as per the direction of Engineer-in-charge.**	No	109.00	Rupees One Hundred Nine Only
33	42.00	S BEND 50 mm nominal bore gun metal **50mm dia and as per the direction of Engineer-in-charge.**	No	229.00	Rupees Two Hundred Twenty Nine Only
34	14.00	TEE 50 mm nominal bore gun metal **50mm dia and as per the direction of Engineer-in-charge.**	No	177.00	Rupees One Hundred Seventy Seven Only
35	14.00	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset and as per the direction of Engineer-in-charge.	No.	10480.00	Rupees Ten Thousand Four Hundred Eighty Only
36	1575.00	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications and as per the direction of Engineer-in-charge.	Per Cmtr	174.00	Rupees One Hundred Seventy Four Only

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Sl. No.	Qty	Description	Unit	Rate in figures	Rate in words
37	**3500.00**	Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete PVC pipe of 6kg/cm2 75 mm (0.662) **and as per the direction of Engineer-in-charge.**	**Per Rmtr**	**138.50**	Rupees One Hundred Thirty Eight And Paise Fifty Only
38	**1575.00**	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and as per the direction of Engineer-in-charge.	**Per Cmtr**	**102.00**	Rupees One Hundred Two Only

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Contractor

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